PLEASE NOTE: YOUMUST COMPLETE THE FOLLOWING:

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

ATTORNEY DOCKET NO. 0171-0829P

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor. I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if

	plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:							
nsert Title: 😝	Thermal Spray Spherical Particles, and Sprayed Components							
Fill in Appropriate	the anaiffraction of which is attached by	ereto. If not attached hereto						
nformation —	the specification of which is attached hereto. If not attached hereto. the specification was filed on							
For Use → Without	United States Application Number							
Specification	and amended on	(if applicat	ole); and/or					
Attached:	the specification was filed o	n		as PC1				
	International Application N	umber		; and was				
	amended under PCT Articl	e 19 on	(if	(if applicable)				
	I hereby state that I have review amended by any amendment referred to	ed and understand the contents o above.	s of the above identified specification, in	cluding the claims, as				
<u>Li</u>	Lacknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, \$1.56.							
	I do not know and do not believe	ised in the United States of America before	re my or our invention					
10095	to this application, that the same was application, that the invention has no	not in public use or on sale in t been patented or made the si	try before my or our invention thereof or ment the United States of America more than abject of an inventor's certificate issued by the control of an inventor's certificate issued by the control of the	one year prior to this. before the date of this				
u L	application in any country foreign to the United States of America on an application filed by me or my legal representatives or assign more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate of this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representative or assigns, except as follows.							
I hereby claim foreign priority benefits under Title 35. United States Code. \$119 (a)-(d) of any foreign application(s) finventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate filing date before that of the application on which priority is claimed: Prior Foreign Application(s) Priority 2001–064725 Japan 03/08/2001								
The state of the s	Prior Foreign Application(s)			Priority Claimed				
lisert Priority	2001–064725	Japan	03/08/2001					
Information: → (Lappropriate)	(Number)	(Country)	(Month / Day / Year Filed)	Yes No				
T	2001-109182	Japan	04/06/2001					
प्र देवें	(Number)	(Country)	(Month / Day / Year Filed)	Yes No				
			(Month / Day / Year Filed)	Yes No				
	(Number)	(Country)	(Month / Day / Tear Filed)					
	(Number)	(Country)	(Month / Day / Year Filed)	Yes No				
Insert Provisional	I hereby claim the benefit under Title	35, United States Code, \$119(e	of any United States provisional applicati	on(s) listed below.				
Application(s): → (if any)			(Filing Date)					
	(Application Number) (Filing Date)							
	All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:							
Insert Requested Information: ••	Country	Application	Number Date of Filing	g (Month / Day / Year)				
	I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of							
Insert Prior U.S.	the prior application and the national	or PCT international filing date	of this application:					
Application(s): (if any) →	(Application Number)	(Application Number) (Filing Date) (S		(Status — patented, pending, abandoned)				
	(Application Number)	(Filing Dat	e) (Status — patented	, pending, abandoned)				

I hereby appoint the fo ring attorneys to prosecute this application and/or an into ional application based on this application and to transact all business Patent and Trademark Office connected therewith and bection with the resulting patent based on dentified below, unless the inventor(s) or entity who first sent the application papers to the attorne instructions received from assignee provides said attorneys with a written notice to the contrary:

Raymond C. Stewart	(Reg. No. 21,066)	Terrell C. Birch	(Reg. No. 19.382)
Joseph A. Kolasch	(Reg. No. 22,463)	James M. Slattery	(Reg. No. 28,380)
Bernard L. Sweeney	(Reg. No. 24,448)	Michael K Mutter	(Reg. No. 29,680)
Charles Gorenstein	(Reg. No. 29.271)	Gerald M. Murphy, Jr.	(Reg. No. 28.977)
Leonard R. Svensson	(Reg. No. 30.330)	Terry L. Clark	(Reg. No. 32.644)
Andrew D. Meikle	(Reg. No. 32,868)	Marc S. Weiner	(Reg. No. 32,181)
Joe McKinney Muncy	(Reg. No. 32,334)	C. Joseph Faraci	(Reg. No. 32,350)
Donald J. Daley	(Reg. No. 34,313)	John W. Bailey	(Reg. No. 32.881)
John A. Castellano	(Reg. No. 35,094)		

BIRCH, STEWART, KOLASCH & BIRCH, LLP Send Correspondence to:

P.O. Box 747 • Falls Church, Virginia 22040-0747

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING:

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful

ſ	false statements may jeopardiz	e the validity of the applica	ition or any patent issued thereon.				
Full Name of First or Sole Inventor: Insert Name of Inventor Insert Date This Document is Signed	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE		DATE*		
	Kazuhiro	WATAYA	Lazahiro Watay	a	2007/2/21		
	Residence (City, State & Country)		7	CITIZENSHIP			
Insert Residence	Takefu-shi, Fukui-ken, Japan			Japanese			
Insert Post Office	POST OFFICE ADDRESS (Complete Street Address including City, State & Country) c/o Magnetic Materials Research Center, Shin-Etsu Chemical Co., Ltd., 2-1-5, Kitago, Takefu-shi, Fukui-ken, Japan						
	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE		DATE*		
Full Name of Second Inventor, if any: see above	Takao	MAEDA	Takav Massa		2002/2/2/		
	Residence (City, State & Country)		- Copac / waya	CITIZENSHIP			
	Takefu-shi, Fukui-ken, Japan			Japanese			
	POST OFFICE ADDRESS (Complete Street Address including City, State & Country) c/o Takefu Plant, Shin-Etsu Chemical Co., Ltd., 2-1-5, Kitago, Takefu-shi, Fukui-ken, Japan						
Full Name of Third Inventor, if any see above	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	1	DATE*		
	Toshihiko	TSUKATANI	pohipika buka	lani	2002/2/2/		
	Residence (City, State & Country) CITIZENSHIP						
	Takefu-shi, Fukui-ken, Japan			Japanese			
	POST OFFICE ADDRESS (Complete Street Address including City, State & Country) c/o Magnetic Materials Research Center, Shin-Etsu Chemical Co., Ltd., 2-1-5, Kitago, Takefu-shi, Fukui-ken, Japan						
Full Name of Fourth Inventor, if any see above	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE		DATE		
			1				
	Residence (City, State & Country)			CITIZENSHIP	:		
-	POST OFFICE ADDRESS (Complete Street Address including City, State & Country)						
Full Name of Fifth Inventor, if any see above	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE		DATE*		
	Residence (City, State & Country)	- W		CITIZENSHIP			
	POST OFFICE ADDRESS (Complete Street Address including City, State & Country)						

Page 2 of 2 (Revised 11-98)

* DATE OF SIGNATURE